

**TECHNICAL SPECIFICATION**  
**FULLY AUTOMATED ESR ANALYZER 80 TEST / HR**

1. System should be able to process lavender capped tubes 3-4 ml capacity.
2. Through put should be 80test/hrs.
3. It should be able to perform ESR in EDTA blood also.
4. System should be able to read the ESR across the labels.
5. It should be microprocessor based low dissipation RISC & BIT technology; one couple of optic electronic element (led & analogical sensor) or based on red cell aggragation by photo telemetry.
6. Display should be liquid crystal screen, background lighting.
7. Power Supply 110-230 VAC.
8. Plate rotation speed 1 rotation every 1.5 second.
9. It should have thermal printer.
10. Accessories as per equipment check device 10000 test, 5000 test & 1000 test.
11. Firm Should provide control thermal roll paper and check device.
12. It should be USFDA / European CE certified their own controls and IVD approved instrument.
13. Thermal roll paper 2 NOS.
14. Firm should supply 10,000 test check device with the equipment.
15. Firm should mention rate per test (as per check device) in financial bid that shall be fixed for 3 years.
16. **Guarantee:** Two years on equipment from the date of installation
17. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for three years (on yearly basis) after completion of Guarantee period of two years.
18. Installation will be done by supplier free of cost.
19. The service engineer should be based in Rajasthan.
20. Demonstration of equipment is must for technical approval.
21. The company should mention the make & model name of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per amended technical specifications.
22. Firm should mention all the pre-installation requirements in technical bid.



**Executive Director (EPM)**  
**Rajasthan Medical Services Corporation Ltd,**  
**Jaipur**